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USER'S MANUAL

Split Floor-Standing Air Conditioner

Please read the user's manual carefully before using the product

GL17Eng

Foreword

Thank you for choosing our company products!
Air conditioning facilities are valuable products. In order to protect your legitimate rights and interests, please make sure that the installations are done by professional technicians. This Manual is a general-purpose version for the split floor-standing air conditioning systems manufactured by our Co., the one that you have chosen might be a little different in appearance from the ones described in this Manual. But these differences will not have any impacts upon your operation and use of the system.
Please read the Manual carefully before you operate the system and check to see if the model is identical to the one you have purchased. Keep this Manual properly in case you might refer to it in the future.

Addition to the user manual:

The appliance is not intended for use by young children or infirm persons without supervision; Young children should be supervised to ensure that they do not play with the appliance.

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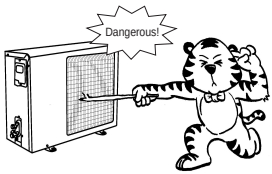
Please read the Manual carefully before using the air conditioner so as to ensure the normal operations of the units.

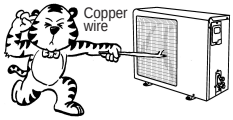
Do not open the return-air grids of the indoor unit during operations.

Do not put the sticks or other similar objects into the air inlet and outlet.



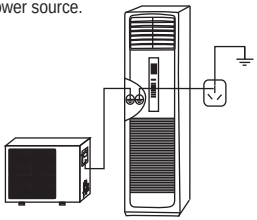
Do not place insecticides, paints or other inflammables near the inlet or outlet; do not spray such articles directly against the units.

Operate the machine only under the nominated voltage and frequency and with corresponding protective devices.



Never use copper wires to substitute the fuses, which might lead to operational faults or fire hazards.

The grounding terminal of the units must be well connected to the grounding of the power source.

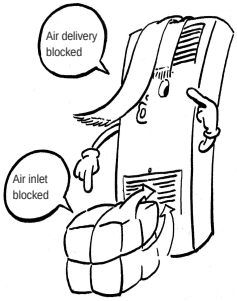


When doing the cleaning of the machine, do not splash water to the units.

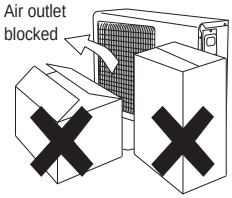
It might result in faulty operations or electric shocks and other hazards.

Do not block the air inlet and outlet of the indoor or outdoor units so as to avoid possible negative impacts upon the machine performances or hazards.

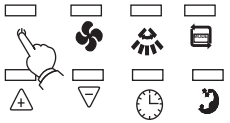
Indoor unit



Outdoor unit

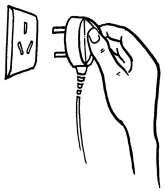


Re-start the operation after power failure



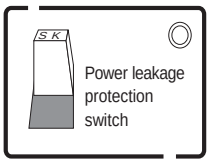
When the power supply is resumed, the air conditioner will automatically enter the standby mode. Press the On/Off button to restart the operation.

Non-operation for long time



If the machine is not in use for long time, the power source should be disconnected for the sake of safety and energy-saving.

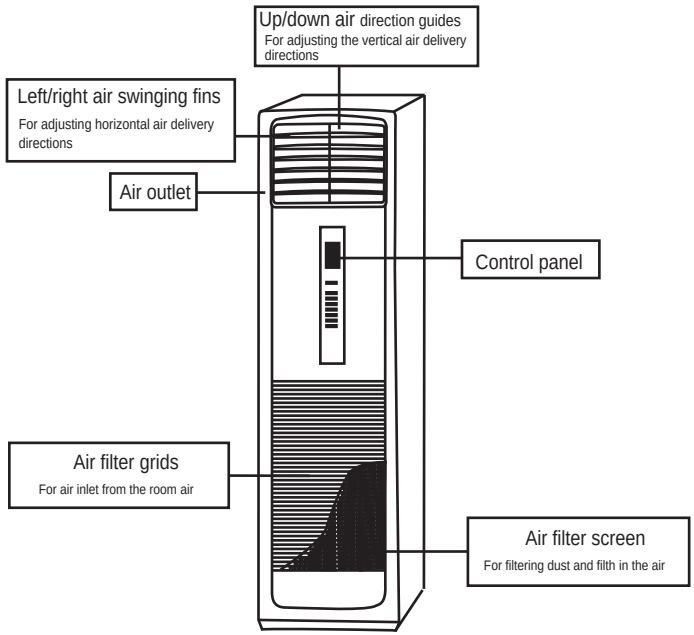
In the case that the breaker is frequently disconnected, you should stop the operation of the machine and contact the dealer or our Co. authorized maintenance shop.



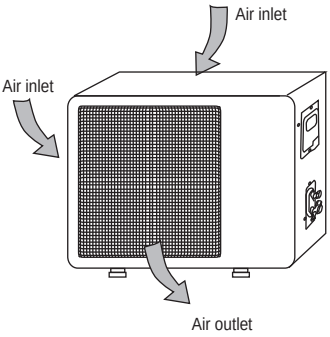
When you restart the operation after a long period of non-operation, you should carefully check the air conditioner and the wire connection.

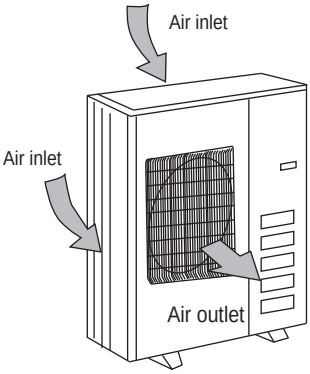
If the electric wires are damaged or need to be replaced due to other reasons, please ask our Co. after-sale service person or the professional technicians in the authorized maintenance shops to do the replacement so as to avoid possible electric shock, overheating, fire hazards or other accidents.

Indoor Unit



Outdoor Units

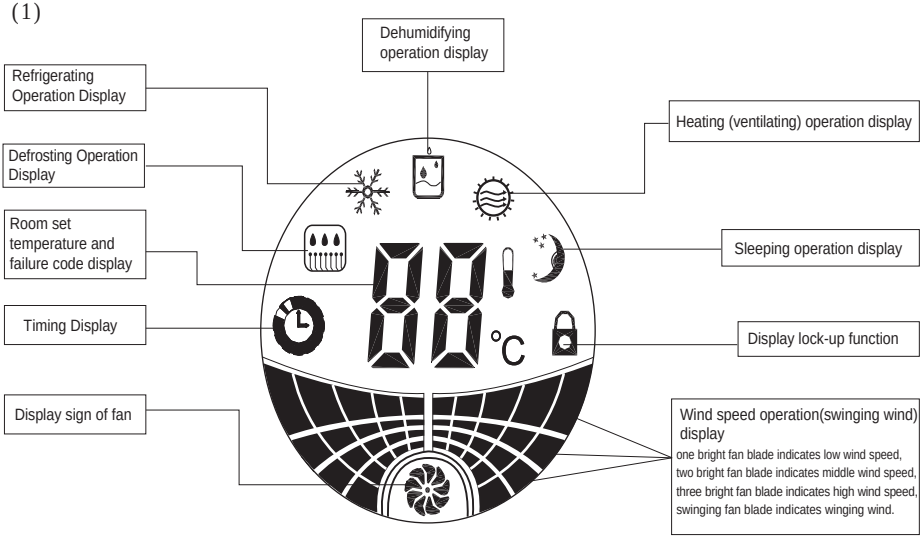




Features and appearance will vary.All the figure give a demonstration to introduce the function.

Operation Panel

(1)

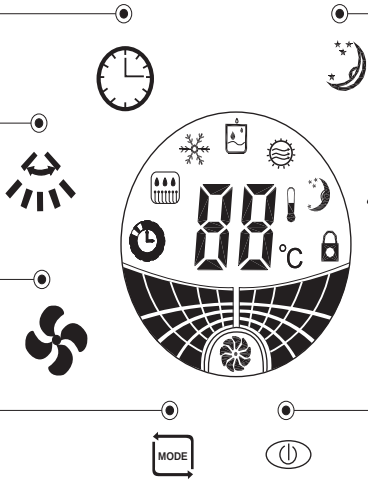


TIMING KEY
To press timing key to set turning on time,turning off time and to cancel timing, the time range is 1-12 hours.

SWINGING WIND SELECTION KEY
To choose different wind types of swinging windor set wind by pressing this key.

WIND SPEED SELECTION KEY
Press the key to choose the wind speed and the wind speed changes in the following order with each press:high,middle,low.

MODE SELECTION KEY
Press the key to choose operation modes of refrigerating, dehumidifying,heating (or ventilating for refrigerating only AC unit).



SLEEPING KEY
Press the key to choose sleeping mode,the AC will operate with low wind speed and automatically turns off after 8 hours, Press the key once again to cancel sleeping mode.

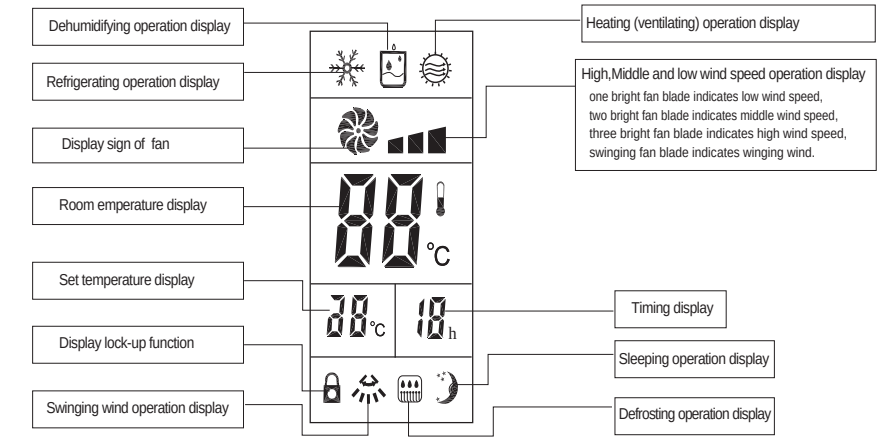
TEMPERATURE+ KEY
Press the key once to increase the set temperature by 1^0C,the highest temperature is 29^0C.

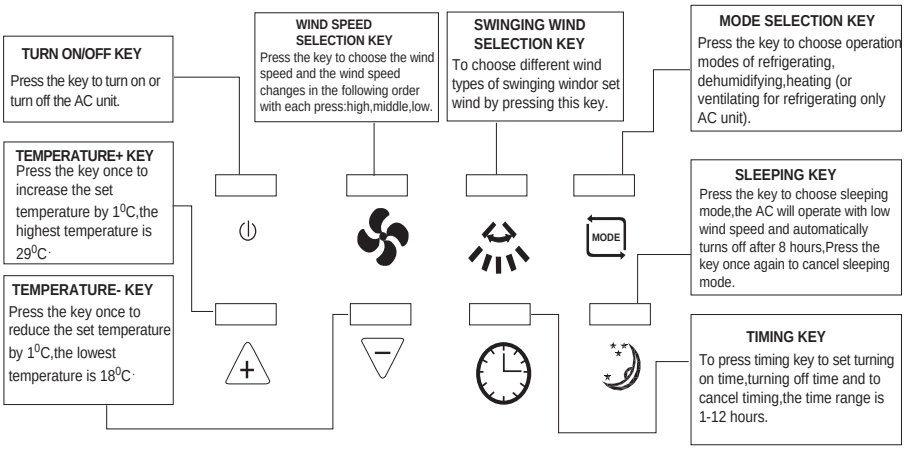
TEMPERATURE- KEY
Press the key once to reduce the set temperature by 1^0C,the lowest temperature is 18^0C.

TURN ON/OFF KEY
Press the key to turn on or turn off the AC unit.

Operation Panel

(2)



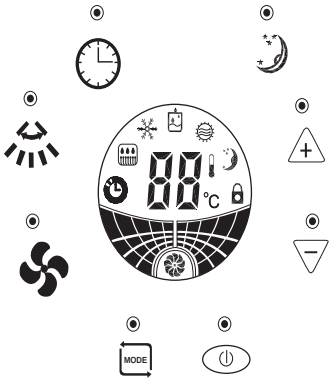


Specification:

* Usually,the display screen shows only the function mode and operation status you choose.
* When room temperature equals to or is lower than 18°C,the function of dehumidifying cannot be used.
* When room temperature equals to or is lower than set temperature,the AC unit stops for a period of time to save energy.
* The AC unit is equipped with automatic defrosting function and the defrosting operation display on the display screen is bright when the machine defrosts.
* The AC unit with heat pump has auxiliary electric heating function,which will automatically turns on or off according to room temperature during heating operation to achieve the best heating result.
* If you turn on the machine immediately after it is turned off,the machine with time-lapse starting function will automatically turns on the machine after 3 minutes to protect it.

Note:the position and arrangement of keys in different models and different types of AC might vary,but the keys with same name have the same function.

Operation of Mode change between Refrigerating/Dehumidifying/Heating/Ventilating



1.Press on/off key

2. Press mode key to choose the mode you want

When you choose ventilating mode,the compressor does not work.

3.Press temperature +/- key to set the room temperature you want

The room temperature range is 18^0C-29^0C.

4. Press the key of wind speed to set the speed you want from high through middle to low

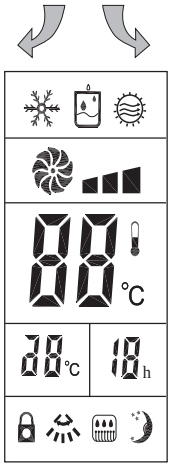
The fan operates in low speed under the mode of dehumidifying

5.Press the key of swinging wind to change wind direction

6.Press on/off key once again to stop.

If you turn on the machine immediately ofter it is turned off,the machine with time-lapse starting function will automatically turns on the machine after 3 minutes to protect it.

Change wind direction



Change Left/Right Wind Direction

Press wind swinging key,the screen will display swinging wind blade,which changes wind direction by swinging from left to right.

Set wind direction

When wind blade reaches the position you desire,press wind swinging key again to stop the blade for a set wind direction.

Change up/down wind direction

Hold both ends of wind guide panel to change the wind sending angle.

Timing operation

Set turning off time

Set the time for the unit to turn off and when it is time,the AC will automatically stop operating.

Steps of setting turning off time

1. When AC is working,press the key of ◷ and the machine is in the timing status of turning off;
2. Press the key of ◷continuously to reach the turning off time you want within a time range of 1-12 hours;five seconds later,the machine is in the timing status of turning off;
3. After the turning off time is set,the AC unit will automatically turn off at your set time;
4. To cancel the timing,press the key of◷ continuously till 12 is displayed,one more press and the timing is cancelled;when the machine is working,only timing turning off function is functional.

Set turning on time

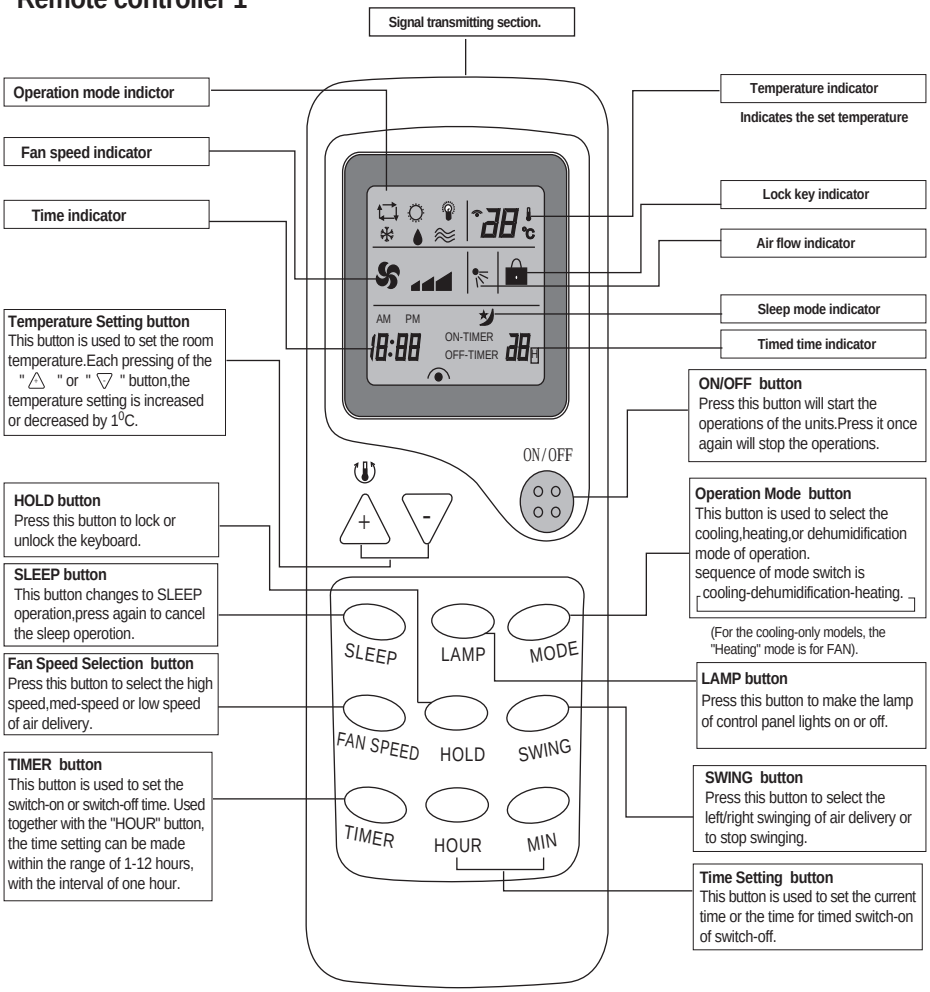
Set the time for the unit to turn on and when it is time,the AC will automatically start operating.

Steps of setting turning on time

1. When AC is working,press the key of ◷ and the machine is in the timing status of turning on;
2. Press the key of ◷ continuously to reach the turning on time you want within a time range of 1-12 hours;five seconds later,the machine is in the timing status of turning on;
3. After the turning on time is set,the AC unit will automatically turn on at your set time;
4. To cancel the timing,press the key of ◷continuously till 12 is displayed,one more press and the timing is cancelled;

NOTE: Please check to refer the instructions for the identical remote controller of your air-conditioner.

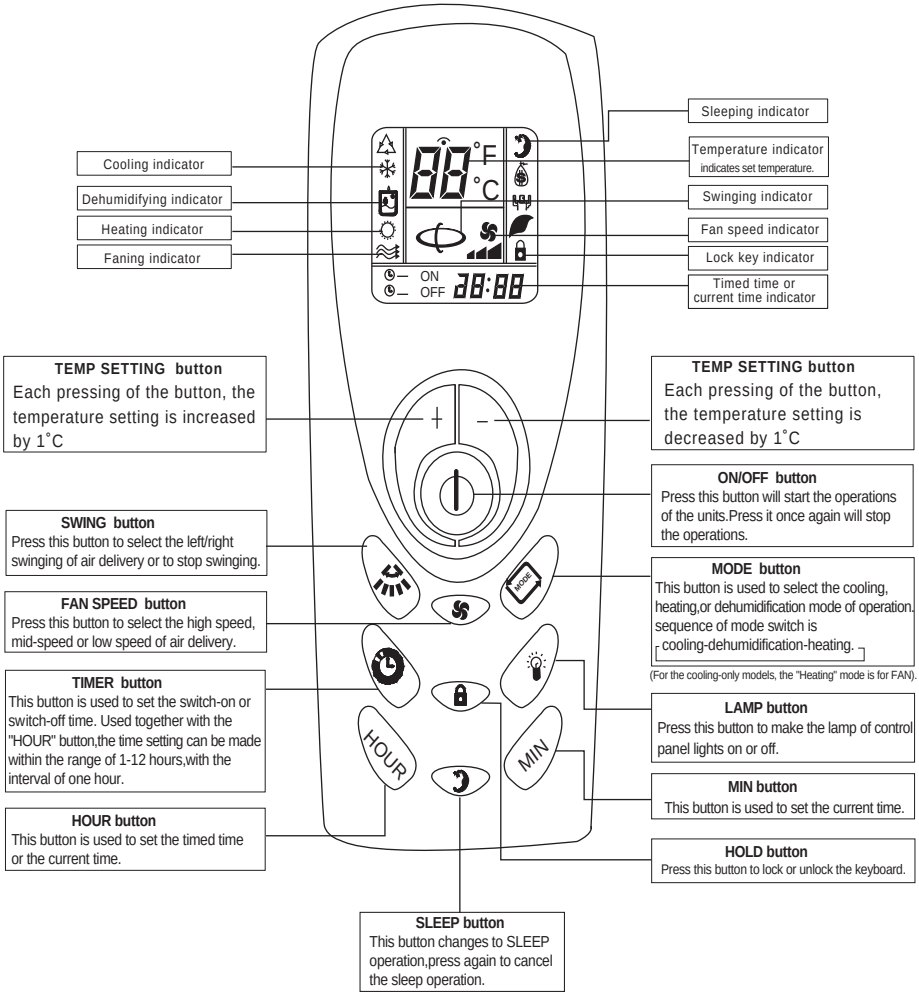
Remote controller 1



* Above figure shows all indications for the purpose of explanation,but practically only the pertinent.

This remote controller is the general one of our company,it can be used for many types of our air-conditioners. We beg your forgiveness that we would not introduce the button or indicator which is not applicable for the units you purchased.

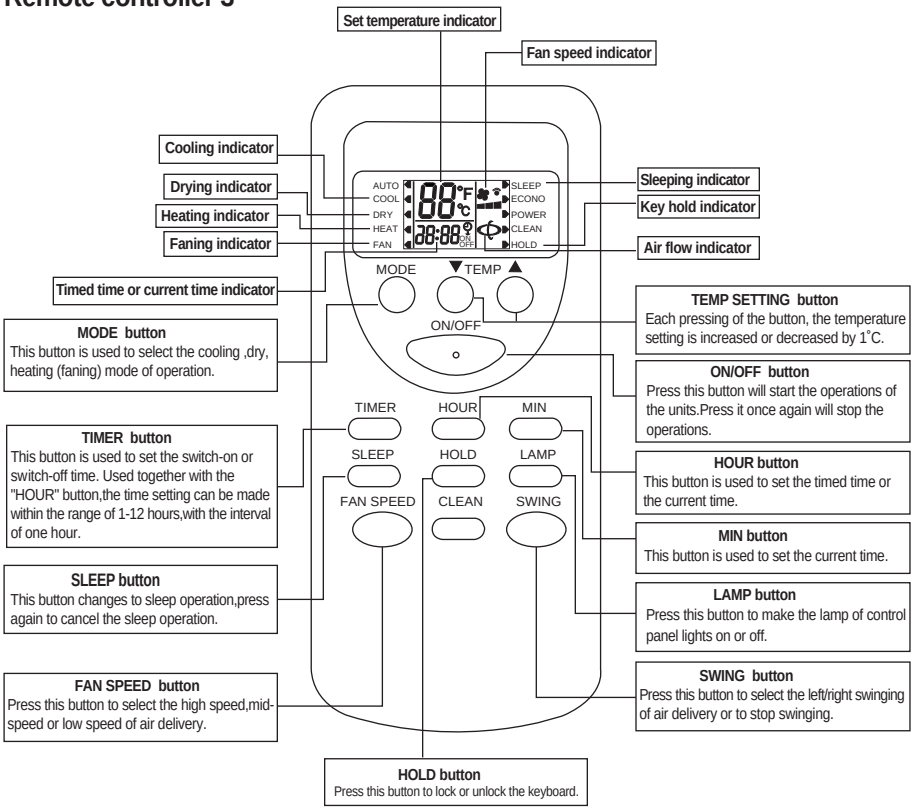
Remote controller 2



* Above figure shows all indications for the purpose of explanation,but practically only the pertinent.

This remote controller is the general one of our company,it can be used for many types of our air-conditioners. We beg your forgiveness that we would not introduce the button or indicator which is not applicable for the units you purchased.

Remote controller 3



* Above figure shows all indications for the purpose of explanation,but practically only the pertinent.

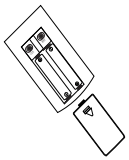
Operating Machine In selected modes

1. Point the remote controller at the unit,press the MODE button,select the needed mode :cooling,heating (ventilating for cooling-only model) and dry.
2. Press the temperature setting button to increase or decrease the readings until the needed temperature is displayed;
* In cooling/heating operations,the temperature difference of 5^0C between the selected temperature and the ambiend temperature is most suitable for your health.
3. Press fan speed button to choose the air volume you want.
4. Press swing button to choose the left/right air direction you want.

PRESENT TIME SETTING PROCEDURE

Methods 1(Suitable for remote controller 1and 2)

1. When cells are inserted,under the timer operation has not been set,unload the back cover, push the "CLK" button with the tip of a ball pen,etc.The time indicator is flickering and can set the present time.
2.Press the HOUR button to set you desired time.
3.Press the MIN button to set you desired time.
4. Press the CLK button again, then reatach the back cover.
5.In case of the abnormally use of remote controller,press the RST button to reset the remote controller.



Methods 1

Methods 2(Suitable for remote controller 3)

When cells are inserted,under the timer operation has not been set
1.Continually press the HOUR button about 2 seconds,the time indicator is flickering and press the HOUR button to set you desired time.
2. Continually press the MIN button about 2 seconds,the time indicator is flickering and press the MIN button to set you desired time.
3.Press the ON/OFF button to confirm the set time or it would automatically exit the time setting state after 15 seconds.
If when the remote controller is at abnormal state,you can take out the batteries on the back cover to clear off the display.

SLEEP OPERATION PROCEDURE

Use this mode to reduce operation sound when sleeping,etc.
Press the SLEEP button,the air flow sound from the indoor unit is decreased.
Press the SLEEP button again can release the mode.
and the air conditioner will be stopped automatically in 8 hours.

NOTE:

* Use the sleep mode when you are going to bed.If this mode is used in the day,the capacity is reduced since the ambient temperature is too high.(COOL MODE).
* During the operation of cooling,the room temperature will be raised by 1^0C higher than the setting after the machine begins to operate in the sleeping mode.
* During the operation of heating mode,the room temperature will be dropped 2^0C lower than the setting after the machine begins to operate in the sleeping mode.

TIMER OPERATION PRODEDURE

Timed switch-off

1.Duing the operation of the air conditioner,press the TIMER button and the air conditioner will enter the timed switch-off mode.
2. Press the HOUR button to set the needed time.Every the button is pressed,indication change is the following sequence:
1 * 2 * ..... * 12*1

3.After the setting,the digits shown on the display screen will go down by 1 for every elapsed hour.

Timed switch-on

1.When the air conditioner is in the standby mode,press the TIMER button and the air conditioner will enter the timed switch-on mode.
2.Press the HOUR button to set the needed time,The timer can make the setting in the range from 1-12 hours.
3. After the setting.the digits shown on the display screen will go down by 1 for evey elapsed hour.

Releasing procedure

Press the TIMER button again to release the mode.

REPLACEMENT OF BATTERIES

* When the signal from the remote controller become weak and the indoor unit can not receive it properly;or the indications on the display screen becomes blurred,please replace with two new batteries.
* The positive and negative poles must match the installation positions.
* New batteries of the same type have to be used for replacement.
* If the remote controller is not to be used for long time,take out the batteries so as to prevent the leakage of the electrolyte from damaging the controller.

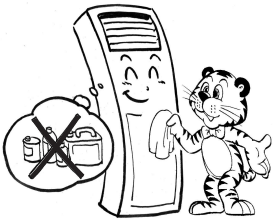
NOTE:

1. Do not use an old battery with with a new one.
2.The life of cell made in conformity to JIS or IEC is 6 to 12 moths in normal use,If it is used longer or an unspecified cell is used,a liquid leaks from the cell,causing the remote controller inoperative.
3.Guideline of the life time is printed on the battery.The battery life may be shorter than that of air conditioner depending on the date of manufacture,However,the battery may be alive ever after the norminal life time expired.

Make sure that the power of the air conditioner is turned off before the maintenance is to be done.

Cleaning

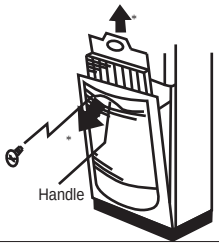
* Power must be turned off before doing the cleaning.
* Use a piece of soft dry cloth to clear off the dust on the units.
* Do not use volatile oil, gasoline, diluting agents or abrasive power, etc. in doing the cleaning.
* Use household neutral detergent to clean the fingerprints or oil stains.
* Do not use water to flush the units.



Removal of the filter screen

* Make sure that the operation of the air conditioner is fully stopped.
* Remove the fixing screws of the air-return grids.
* Pull in the direction of arrow (1) to open the grids.
* Pull in the direction of arrow (2) to take out the air filter screen.

(The air filter screen is loaded inside the air-return grids).

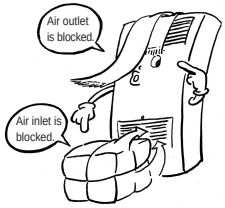


Cleaning of the filter screen

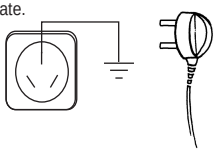
Gently pat the screen or use a vacuum cleaner to do the cleaning. If too much filth is accumulated on the screen, a small amount of neutral detergent solution can be used for the cleaning. After the cleaning, the screen must be dried in air and be put back into place.

Prior To Operational Seasons

* Check to see if the air outlets of the indoor and outdoor units are blocked;
* The protective cover of the outdoor unit must be removed.



* Check to see if the power cable and grounding wire are in proper state.

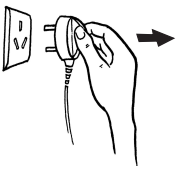


* Check and confirm that there is any bending, or raised ends or blockage of the drainage tubes.
* Make sure that the air filter screen is properly in place before operating the machine.

If the machine is operated with the air filter screen removed, dust and foreign objects will result in faulty performances of the air conditioner.

After The Operational Seasons

* Disconnect the power source of the air conditioner.
* Before pulling out the power plug, make sure that the operation of the machine is fully stopped.



* Make proper maintenance to the air filter screen and other parts.
* Please use a plastic sheet to cover the unit to prevent dust or filth from entering the outdoor unit.

N.B

Do not place the air filter screen under the exposure of sunlight or near an over to dry; do not use warm water above 40° C to do the cleaning so as to avoid deformation.

PHENOMENA DIAGNOSIS AND TREATMENT

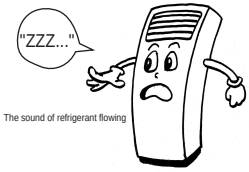
Please read the following contents before contacting the maintenance people:

TROUBLE	PHENOMENA	CAUSES	TREATMENT
Air conditioner does not work.	Press the ON/OFF button but the air conditioner does not work.	Power failure	Press the ON/OFF button again after the power is resumed
		Power source not connected	Connect to the power source.
		Fuse blown	Replace fuse
		Breaker in off position	Connect the breaker.
There is air delivery at the outlet, but it is not cooling or heating	Control panel indications normal	Room temperature not properly adjusted	Reduce or increase the room temperature setting.
		Dust blocking the air filter screen	Clean the air filter screen.
		Blocking objects at the inlet or outlet of the indoor or outdoor units	Remove the objects.
		Door or windows open	Close the door or windows.

If the above-stated problem is not solved even after the related corrective measure is taken, please disconnect the power source and contact our Co. dealer of the authorized maintenance shop.

The following phenomena air not faulty operational performances:

Sometimes the air sent out from the air conditioner may smell some odd odors. This is due to the cigarette smoke, the cosmetic smell, the odors of walls or furniture pieces in the room that are stained on the air conditioner.



During the operation or when the machine is stopped, some "ZZZ..." sound may be heard. This is because the refrigerant inside the air conditioner is still flowing.

When the cooling or heating operation is started or stopped, some "patting" sound may be heard. This is because some parts of the surface boards are expanded due to changes of temperature, which results in the friction of these parts. This is not a performance fault.